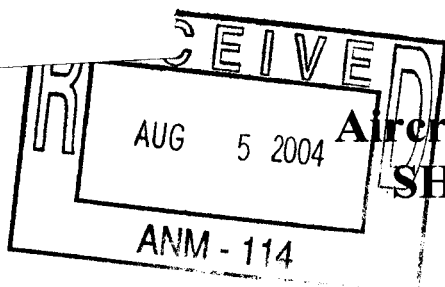


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FAA-04-19184-5



Aircraft Certification Service SHORT' WORKSHEET

DEPT. OF TRANSPORTATION
DOCKETS
Hyperlinked AD Forms
2004 SEP 30 A 10:03

DOCKET NUMBER: 2004-V.4-154-AD
TECH WRITER:

FCAA AD No./Revision/Date (Attach 1 copy): EASA AD No F-2004-114¹ dated July 21, 2004

Manufacturer Service Information/Revision/Date (Attach 2 clean copies): Airbus Aircraft Flight Manual (AFM) Temporary Revision (TR) 4.02.00/23, 4.02.00/24 (A330) and 4.02.00/38, 4.02.00/39 (A340)

NOTE: Similar action is being taken for A320's, ref. F-2004-104 dated July 7, 2004, F2348 but the A330/A340 specific TR instructions depend on whether or not the airplane is equipped with a certain standard of Flight Warning computer (FWC). I have requested all applicable TR's.

PROPOSED CORRESPONDING ACTION:

☐ Emergency AD

Is this action one of the following?

☒ Immediately Adopted AD

☐ Supersedure of AD (Docket No. _____)

☐ Notice of Proposed Rulemaking

☐ Revision of AD (Docket No. _____)

☐ Final rule after NPRM
(If FRAN, complete Attachment A.)

☐ Supplemental NPRM (Docket No. _____)
(If any of the above is checked, complete Attachment B.)

☐ Other (NFR/DFR)

☐ Scratch Criteria

Project Engineer Name/Title: Tim Backman, Aerospace Engineer

Branch: ANM-116 **Telephone:** 425-227-2797

Backup engineer: Dan Rodina **Telephone:** 425-227-2125

For each AD item numbered below, provide draft text and/or FCAA AD or SB references. WHERE POSSIBLE, answer items using markup of FCAA AD or SB, & mark with the AD item number.

1. Model, Applicability, # Airplanes (both U.S. & worldwide) - Refer to FCAA AD or SB; state any differences for the U.S. AD:

Airbus Model A330 and A340 airplanes equipped with Airbus Electronic Instrument System EIS2 Liquid Crystal Display (LCD) Display Units installed per Airbus Modification 47524, 50161, 50616 or 51153 in production or Airbus Service Bulletin A330-31-3056, A330-31-3057 or A340-31-5001 in service (17 A330's/0 A340's in US)

AD Summary and Discussion Sections:

2. What has the FCAA/mfgr told the FAA?

"The FCAA advises that ..."

Describe background/events that prompted the AD in 1-2 sentences. Refer to FCAA AD or SB 'Reason.'

There have been several events of total loss of all EIS2 LCD Display Units during cruise for short period of time. The standby instruments were used and the display units were eventually recovered. Subsequent investigation revealed that the 3 display management computers received erroneous data from one LCD unit.

3a. What is the unsafe condition AND its cause?

"These actions are intended to prevent..."

Describe unsafe condition and its cause in 2-3 sentences (non-technical terms). Refer to FCAA AD or SB 'Reason.'

3b. What is the end-level effect on the airplane?

"...which could result in..."

Provide a 1-sentence description; use non-technical terms.

Reduced ability to control the airplane

4. (Yes or No) Is the corrective action required in this AD considered to be interim action?

Yes

5. (Yes or No) Is this action considered sensitive, or is it related to a Safety Recommendation?

(If yes, state why sensitive, and/or provide copy of FAA/NSTB Safety Recommendation.)

No

6. AD Differences or Exceptions to Policy (if needed):

"This AD differs from the FCAA

AD..."

Check if: Flight with Cracks (exception to policy)___; No Flight with Cracks___; Mandate Term Action ___;
 Not Mandating Term Action (exception to policy)___; Contact Mgr, FAA___; Compliance time ___;
 Mandate AFM Action___; Contact Mgr or FCAA___

Describe any other differences between service bulletin (or exceptions to policy) and this proposed FAA AD.

Our AD will not mandate changes to the Master Minimum Equipment List (MMEL). The FAA approved MMEL already limits operations as much or more than the changes mandated by the EASA AD.

AD Cost Impact Section:**7a. Work hours for corrective action(s) required: (List hours or reference SB 'Manpower').**

1 work hour to revise AFM

7b. Parts Cost, if any: (List costs or reference SB 'Material - Cost and Availability').

None

AD Body Section:**For EACH corrective action, mark up FCAA AD or SB, if usable -OR- fill out Corrective Action Table below.****8a: Action # 1****What is the corrective action?**

Incorporate the following Airbus AFM TR into the Limitation Section of the FAA approved AFM, as appropriate:

- (a) A330's not equipped with FWC STD K7/486 (MOD 49193) – 4.02.00/23
- (b) A330's with FWC STD K7/486 (MOD 49193) – 4.02.00/24
- (c) A340's not equipped with FWC STD L10 (MOD 49192) – 4.02.00/38
- (d) A340's with FWC STD L10 (MOD 49192) – 4.02.00/39

What is its compliance time?

10 days

(Add grace period if not available)**What is repetitive interval?**

N/A

9. (Yes or No) Should corrective action(s) required in this AD to be applied to spares as well?

N/A

10. Should a ferry flight permit be: ☒ Permitted ☐ Permitted with limitations* ☐ Prohibited

*List limitations.

11. Check the category that best describes the cause of the unsafe condition addressed by this AD:☒ Design Problem☐ Unapproved Parts☐ Operational☐ Maintenance☐ Quality Control Problem**☐ Other (specify):

**Reporting Req't Needed? _____